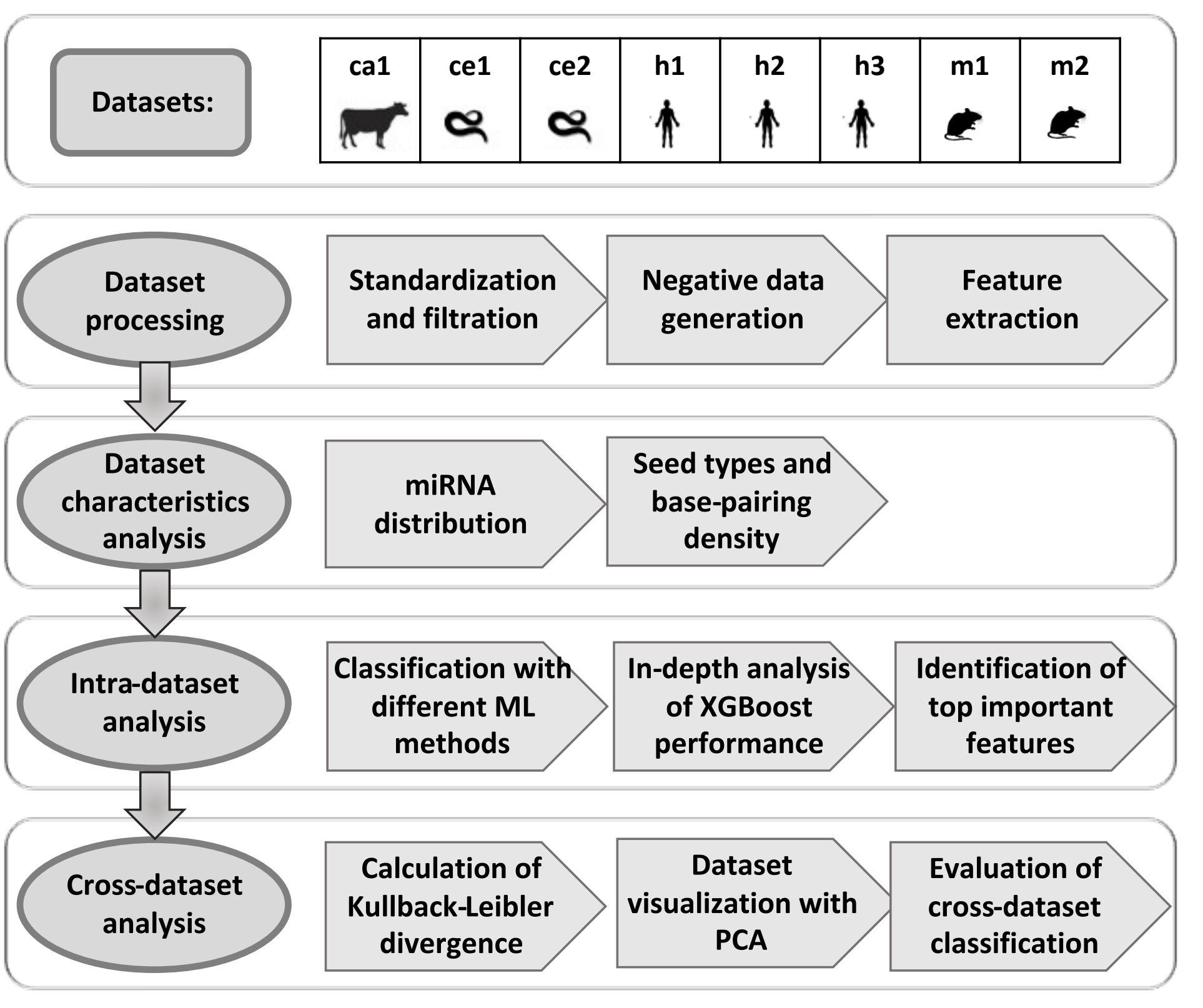
Datasets:
ca1
ce1
ce2
h1
h2
h3
m1
m2
Dataset processing
Standardization and filtration
Negative data generation
Feature extraction
Dataset characteristics analysis
miRNA distribution
Seed types and base-pairing density
Intra-dataset analysis
Classification with different ML methods
In-depth analysis of XGBoost performance
Identification of top important features
Cross-dataset analysis
Calculation of Kullback-Leibler divergence
Dataset visualization with PCA
Evaluation of cross-dataset classification